

Work Order ID 142123

February 26, 2016 12:58:45 PM

142123

Page 1

Ship Feb 29

Item ID: DSI 9506-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 2/26/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 2/29/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: STA

Date: 20160222 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9506	A

100	Document Control	0.00
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100

DC

Memo

0.00

Doc.Control-USB or Paperwork

Photocopy bluefile & type labels per PPP DSI 9506-011
CHG001

SMB
10/2/29

MLS 1602-29

110	Pick Kit	0.00
-----	----------	------

110

Packaging

Memo

0.00

Packaging

MLS 1602-26

DAS
28
9-89

120	QC4- 100% Inspect kits for completeness	0.00
-----	---	------

120

QC

Memo

0.00

Quality Control

DAS
27
9-89

FEB 29 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

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Item ID: DSI 9506-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 2/26/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 2/29/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP DSI 9506-011

Location: _____

PPP rev: _____

sold

SMB
10/2/29

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MCS FEB 29 2016

MCS FEB 29 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Work Order ID: 142123

142123

Parent Item: DSI 9506-011

DSI 9506-011

Parent Item Name: Bearpaw Mod - Aerazur Float Compatibility**Start Date:** 2/26/2016**Required Date:** 2/29/2016**Start Qty: 1.00**

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.18 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-12A *AN4-12A* Bolt		Purchased	No			110	Each	203.0000	4	4		MLJ 16-02-26	
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			DAS 28 9-89
				FG				10					
				120423				10					
				ST344				193					
				m133990				93		4			
				m134180				100					
D2274 *D2274* Radius Block		Manufactured	No			110	Each	186.0000	4	4		MLJ 16-02-26	
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			DAS 28 9-89
				FG				12					
				86855				12					
				ST006				174					
				140177				174		4			
D2529 *D2529* Washer		Manufactured	No			110	Each	572.0000	4	4		MLJ 16-02-26	
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			DAS 28 9-89
				ST009				72					
				140554				72		4			
				ST012a				500					
				141458				500					

Picklist Print

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Work Order ID: 142123

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Parent Item: DSI 9506-011

DSI 9506-011

Parent Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 2/26/2016

Required Date: 2/29/2016

Start Qty: 1.00

Required Qty: 1.00

D3171-1

Manufactured No

110

Each

11.0000

4

4

D3171-1

Angle Bracket

BAS
27
9-89

**

MLJ 16-02-26

DAS
28
9-89

MS21042L4

Purchased No

110

Each

2,249.000

4

4

MS21042L4

Locknut

BAS
27
9-89

**

MLJ 16-02-26

DAS
28
9-89

Location

ST019

139665

Loc Qty

11

11

Loc Code

Location

FP001

m133363

Loc Qty

41

41

Loc Code

GA

m133769

456

456

ST007

m134055

1500

1500

ST303

m133769

155

155

ST305

m130922

97

97

Picklist Print

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Work Order ID: 142123

142123

Parent Item: DSI 9506-011

DSI 9506-011

Parent Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 2/26/2016

Required Date: 2/29/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

110

Each

4,709.000

4 4

NAS1149D0463.J

WASHER

ML5 16-02-26

BAS
27
9-59

Location

Loc Qty

Loc Code

GA

237

M129390

41

M132035

196

ST263

3124

M134039

3124

ST269

1348

M130799

360

M132317

100

M132677

888

DAS
28
9-59

4

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F AND EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 AND EARLIER

REF TCCA STC SH93-4

REF FAA STC SR00028NY

REF FAA STC SR00028NY

REF EASA STC EASA.IM.R.S.01389

TO ENSURE COMPATIBILITY BETWEEN THE D350-578-011/-021 BEARPAW INSTALLATION AND EXISTING AERAZUR FLOAT SYSTEM, CUSTOMERS ARE ENCOURAGED TO PROCURE DSI-9506-011 KIT LISTED BELOW AND PERFORM THE FOLLOWING DEVIATIONS ON INSTALLATION. REFER TO FIGURE 1.

1. MOVE EACH D2432F/D2672F BEARPAW AFT BY 1.50" MAX;
2. SUBSTITUTE AFTMOST D2438 CLAMP WITH TWO D3171-1 ANGLES TRIMMED TO FIT THE AERAZUR FLOAT CLAMPS ON EACH D2432F/D2672F BEARPAW;
3. ADD EXTRA HOLES/COUNTERBORES ($\varnothing 0.260"$ THRU, C'BORE $\varnothing 0.930"$ x 0.300" DEEP FROM BOTTOM) ON EACH D2432F/D2672F BEARPAW TO MOUNT CENTER D2438 CLAMP TO CLEAR AFT CROSSTUBE SADDLE.

IN ALL OTHER RESPECTS, INSTALL THE D350-578-011/-021 BEARPAW INSTALLATION PER INSTALLATION INSTRUCTIONS D350-578 REV. F OR EARLIER.

PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9506-011	INSTALLATION MOD KIT
4	D2274	RADIUS BLOCK
4	D2529	WASHER
4	D3171-1	ANGLE
4	AN4-12A	BOLT
4	AN960JD416	WASHER
4	MS21042L4	NUT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.02.26

CERT. NO.: SH93-4

ISSUE NO.: 7

20160226

A	NEW ISSUE	MB	10.02.26
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9506	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		INSTALL MODIFICATION	NTS
DATE	10.02.26	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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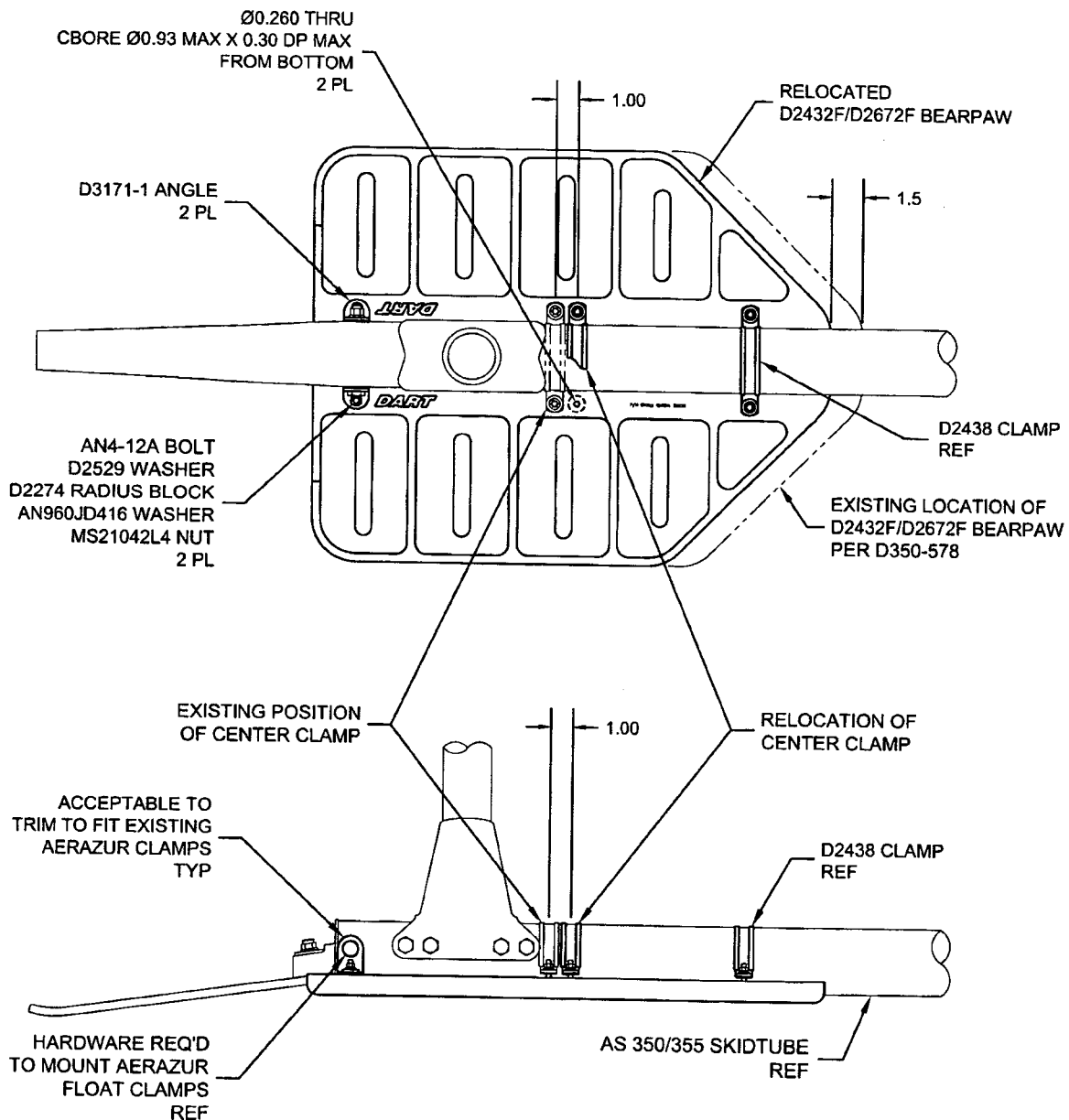


FIGURE 1: INSTALL MOD
(AERAZUR FLOAT AND HARDWARE NOT SHOWN FOR CLARITY)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)
DATE: 10.02.26
CERT. NO.: SH93-4
ISSUE NO.: 7

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9506	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		INSTALL MODIFICATION	NTS
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REFERENCE ONLY

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4	MS21042L4	NUT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.02.26
CERT. NO.: SH93-4
ISSUE NO.: 7

A	NEW ISSUE	MB	10.02.26
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. REV. A	
MFG. APPR.	N/A	DSI 9506 SHEET 1 OF 2	
APPROVED		TITLE SCALE	
DE APPR.		INSTALL MODIFICATION NTS	
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